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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/676,381	09/29/2000	Rezaur Rahman	042390P8797	1947

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EXAMINER

BUI, KIEU OANH T

ART UNIT	PAPER NUMBER
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2611

DATE MAILED: 02/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/676,381	Applicant(s) RAHMAN, REZAUR	
	Examiner KIEU-OANH T. BUI	Art Unit 2611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 November 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 17-20,22,23,25-32 and 35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 17-20,22,23,25-32, and 35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Remark

1. Claims 1-16, 21, 24, and 33-34 was previously canceled. Pending claims are claims 17-20, 22-23, 25-32 and 35 for examination.

Claim Rejections - 35 USC 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 17-20, 22-23, 25-32, and 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Holden (U.S. Patent 6,771,639 B1) in view of Reynolds et al (US Patent Pub 2001/0037500A1/US provisional 60/193,470).

Regarding claim 17, Holden discloses a source transmitter (Fig. 1 for Session Initiation Protocol SIP system, and col. 1/lines 40-56 for SIP & IETF standards), comprising: an interface to a communications link, a memory, and a logic circuit to transmit an announcement comprises an attribute to announce metadata that provides information about at least one available video program or enhancement to be received at a client receiver, i.e., the SIP communicates with a client system or to another SIP system (as shown in Figs. 1, 2 or 5) via data communication link using network interface 102 as an interface for communication link, the source transmitter or the first SIP transmits data information including an announcement or invitation including metadata information to the other SIP receiver (Fig. 3 for a message including an attribute for an

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announcement, and col. 5/lines 7-58 & col. 6/line 54-col. 7/line 10); furthermore, the message can be additional information or announcement about a video program (col. 7/lines 10-35 & col. 8/lines 50-62). In addition, Figure 2 shows a SIP element with a digital signal processor DSP as a logic circuit for processing data information, a storage device 134 as a memory for storing information data.

Holden does not show the announcement comprises “a parameter to identify a network address and port number of a location in the memory containing metadata” (please make a note here that the broad claims 17 and 31 do not call for “the ATVEF” but the examiner goes extra step in covering/interpretation into the specifications for the consistency of all claims including claim 25 with this feature); however, Reynolds teaches an exact same technique as television enhancements of new standards ATVEF (page 1, par 0003-0005; and provisional application 60/193,470, see page 2/lines 5-18 for ATVEF specifications includes Transport A & Transport B) are broadcasting triggers with announcements includes known multicast address and port number for available meta data within the network for the receiver to receive (page 2, par. 0012 to 0014; and further in page 5 of provisional application, lines 10-21—see further in the examiner’s arguments below). Therefore, it would have been obvious to one of ordinary skill in the art to modify Holden’s system with a teaching feature of Reynolds as noted in order to provide the available meta data information to the users with a network address and port number.

As for claims 18, Holden further discloses “wherein said announcement conforms to a Session Description Protocol (SDP)” (col. 3/line 60 to col. 4/line 9 as SDP as one of numerous protocols is used).

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As for claims 19, Holden further discloses “wherein said announcement comprises an identifier for said metadata”, i.e., the announcement comprising with its header containing IDs for destination and source address and Call ID (Fig. 3 and col. 6/line 54 to col. 7/line 10).

Regarding claims 20, Holden further disclose “wherein said identifier comprises a Universally Unique Identifier (UUID)”, i.e., a Universal Resource Identifier or URI served an exact same purpose as the claiming UUID of the present application (Fig. 3, and col. 6/line 5-31 for UDP/IP protocols). A universal resource locator or an URL such as www.uspto.gov is an example of a GUID or UUID. Holden suggests that the system includes a network of computer systems using protocols such as TCP/IP & UPD/IP for exchanging information as well as HTML & XML documents (col. 8/line 63 to col. 9/line 5), and UUID as mentioned is a part of TCP/IP protocol.

(Claim 21 was canceled).

As for claim 22, Holden and Reynolds discloses the announcement comprising a network address and a port for a database having stored therein said metadata and the network address comprises an IP address (Figs. 2 & 3, and col. 6/lines 5-31; and see claim 17 above for Reynolds).

As for claims 23, Holden further discloses “wherein said logic circuit transmits said metadata after said announcement has been transmitted”, i.e., after notifying the receiver SIP at step 342, and if the invitation is OK with an ACK (acknowledgement), the media data can be transmitted at RTP set up step 352 (Fig. 4, and col. 8/lines 7-20).

(Claim 24 was canceled).

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Regarding claim 25, Holden discloses “a machine readable medium comprising a software routine to cause a logic circuit to transmit an announcement including a first attribute to announce metadata that provides information about at least one available video program or enhancement for receiving at a client receiver and a second attribute to identify a network address and a port of a location containing said metadata” (see claim 17 above, with Fig. 3 for network addresses of the SIP network element devices, and URI identifying the port of location).

In addition to claim 25, (in further response to the applicant’s previously challenge the examiner on the official notice, the examiner provides the applicant with the detailed reference of Reynolds on ATVEF announcements), Holden does not disclose “wherein said announcement is compliant with an Advanced Television Enhanced Forum (ATVEF) standard”; however, Reynolds teaches an exact same technique as Reynolds discloses television enhancements of new standards ATVEF (page 1, par 0003-0005; and provisional application 60/193,470, see page 2/lines 5-18 for ATVEF specifications includes Transport A & Transport B) are broadcasting triggers with announcements includes known multicast address and port number for available meta data within the network for the receiver to receive (page 2, par. 0012 to 0014; and provisional application, see page 5, lines 10-21 and the examiner’s arguments below).

Therefore, it would have been obvious to one of ordinary skill in the art to modify Holden’s system with a teaching feature of Reynolds as noted in order to provide the available meta data information to the users with a network address and port number with announcements according to ATVEF standards for communicating between servers and clients.

As for claims 26-30, these claims are rejected for the reasons given in the scope of claims 18-23 as discussed in details above.

(Claims 33-34 were canceled).

As for claims 31-32 and 35, these claims are rejected for the reasons given in the scope of claims 17-23 as discussed in details above, not limited to the cited paragraphs but also to the entire reference of Holden and Reynolds.

Response to Arguments

4. Applicant's arguments filed on 11/30/05 have been fully considered but they are not persuasive.

The examiner thanks the applicants for carefully looking into the US provisional application 60/193,470 for finding what was being taught by Reynolds et al. After also carefully reviewed the provisional application, filed Mar 31, 2000, which is a prior art of this application, the examiner respectfully disagrees with the broad and quick assumption from the applicant.

Let take a look again to broad claim 1, it is simply referred to a source transmitter (of any system) having an interface for communicating, a memory, and a logic circuit to transmit an announcement (or alert/notification, which is stored in the memory), and simply put, the announcement have a parameter to indicate where the memory containing metadata with a network address and port number and further providing information on at least one available program or enhancement to be received at a client device. That is exactly what Reynolds describes in page 5, lines 10-21 in the provisional application. It is clearly said that the announcements "also indicate the multiple address and port number that the client can listen in on to receive the content and triggers", which shows the location to the user where to get it by providing the (multiple) network address and port number; and the content (by the announcements) is ATVEF content can be stored everywhere, and "cached to a disk" is

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understood as storing in the cache or memory) either locally or on the Internet, a public network or a private network, see page 5, lines 15-21. Triggers here are understood as attributes to provide the user an opportunity to obtain further information or enhancements, see further in page 6, lines 5-15.

Therefore, the examiner stands with the rejection as previously disclosed in view of the disclosure and teaching of Holden and Reynolds and now discussed in the final office action, not limited to the cited paragraphs but also to the entire reference of Holden and Reynolds including provisional application of Reynolds.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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6. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to PTO New Central Fax number:

(571) 273-8300, (for Technology Center 2600 only)

*Hand deliveries must be made to Customer Service Window,
Randolph Building, 401 Dulany Street, Alexandria, VA 22314.*

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kieu-Oanh Bui whose telephone number is (571) 272-7291. The examiner can normally be reached on Monday-Friday from 9:00 AM to 6:30 PM, with alternate Fridays off.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kieu-Oanh Bui
Primary Examiner
Art Unit 2611

KB
Feb. 13, 2006